

5 ABSTRACT

 Illumination system in a liquid crystal projector for improving an optical efficiency of
a fly eye lens, including a light source, a first fly eye lens having first lens cells each with a
first center point, and second lens cells each with a second center point disposed in outer parts
of the first lens cells, for receiving beams of lights from the light source in correspondence to
10 the first center points of the first lens cells and the second center points of the second lens
cells, respectively, and a second fly eye lens having a plurality of lens cells for refracting the
beams from the first fly eye lens into parallel beams.

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